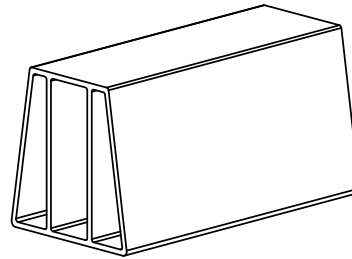
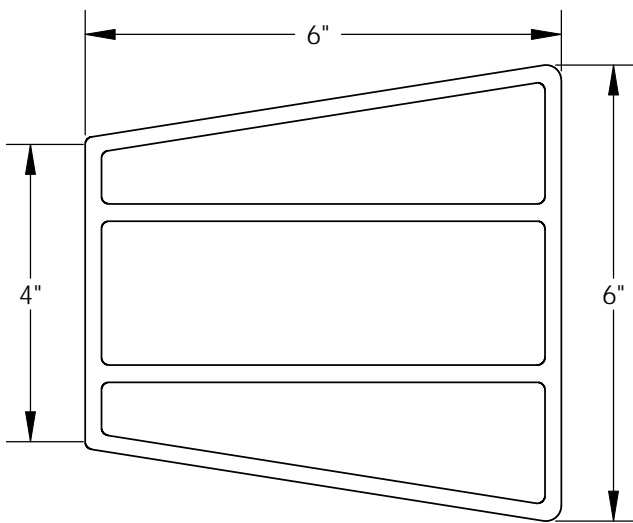


# UC-6 Wale



<b>Max Allowable Deflection</b>	L/90	
<b>Max Allowable Point Load*</b>	10,000 lb	44,482 N
<b>Apparent Modulus</b>	$3.5 \times 10^6$ psi	24,115 Mpa
<b>Moment of Inertia (I)</b>	$33 \text{ in}^4$	$1,374 \text{ cm}^4$
<b>Material</b>	FRP Composite	
<b>Compatibility</b>	AW 2.5" x 0.75" Rod Kit, AW 2.9" x 1" Rod Kit	
<b>Recommended Accessories</b>	90° Corner Brace, 45° & 90° UC-6 Corner Insert, Beveled PVC Washer, 4" Nylon Plate Washer	
<b>Standard Colors</b>	Charcoal	
<b>Standard Packaging</b>	20ft UC-6 Wale, Splice Insert, SS Fasteners	

\* when used with 4" x 4" washer



Span (L) (ft)	Max Allowable Uniform Load (Point Load)	Deflection Allowable Uniform Load (lbs/ft)			
		L/90	L/180	L/240	L/360
4	2,500	-----	-----	-----	-----
5	2,000	-----	-----	-----	1,369
6	1,667	-----	1,584	1,188	792
7	1,429	-----	998	748	499
8	1,250	-----	668	501	334
9	1,111	939	469	352	235
10	1,000	684	342	257	171
11	909	514	257	193	129
12	833	396	198	149	99
13	769	312	156	117	78
14	714	249	125	94	62
15	667	203	101	76	51

Physical properties are defined by ASTM testing standards, The Aluminum Association Design Manual, The Naval Facilities Design Manual DM 7.2, The US Army Corps of Engineers General Design Guide: PVC Sheet Pile and/or standard engineering practice. The values shown are nominal and may vary. The information found in this document is believed to be true and accurate. No warranties of any kind are made as to the suitability of any CMI product for particular applications or the results obtained there from. Crane Materials International is a Crane Building Products® company. ShoreGuard®, The ShoreGuard Seawall System™, C-Loc®, TimberGuard®, GeoGuard®, Dura Dock®, Shore-All®, GatorGates®, GatorDock Elite™, ArmorRod™, Box Profile™, UltraComposite™, Elite Wall™, Elite Panel™, Elite Fascia Panel™, Flat Panel™, XCR™, XCR Technology™, XCR Vinyl™, GatorBridge™, Gator Aluminum™, Gator Sheet Piling™, GatorDock™, I-Beam Lock™, Textured Slate™, Crane Materials International™ logo, CMI Sheet Piling Solutions™, Aqua Terra System™, Endurance™, Endurance CSPTM, Polaris™, Eclipse™, GridSpine™, 21 Poly™, PileClaw™, SheerScape™, SheerScape Retaining Wall Systems™, Sheer Panel™ and CMI Waterfront Solutions™ are trademarks, service marks or trade names of Crane Materials International. United States and International Patent numbers 4,674,921; 4,690,588; 5,292,208; 5,145,287; 6,000,883; 6,033,155; 6,053,666; D420,154; 6,575,667; 7,059,807; 7,056,066; 7,025,539; 7,393,482; 5,503,503; 5,803,672; 6,231,271; 1,245,061CA and other patents pending. © 2011 Crane Materials International. All Rights Reserved.